## Patent claims

- 1. A coextruded, at least two-layer, transparent, biaxially oriented polyester film with at least one base layer B which comprises at least 80% by weight of thermoplastic polyester, and with at least one overlayer A coextruded on the base layer B, and with at least one acrylic coating D, wherein
  - a) fillers present in the base layer B are only those which are introduced into the base layer B by way of reground cut material;
  - b) the overlayer A comprises an amount of from 500 to 2500 ppm of fillers, based on the weight of the overlayer A,
  - the fillers are substantially composed of  $SiO_2$  with a median particle diameter  $d_{50}$  of from 10 to 60 nm and/or from 1.0 to 5  $\mu$ m; and wherein
  - d) at least one of the two surfaces of the film has a continuous crosslinked acrylic coating D which is applied in the form of an aqueous dispersion to the film.
- 2. The film as claimed in claim 1, which has three layers and is composed of the base layer B and the overlayers A and C on the two sides of the base layer B.
- 3. The film as claimed in claim 1, which has three layers and is composed of the base layer B and the overlayers A and C, where A = C, on the two sides of the base layer B.
- 4. The film as claimed in claim 1, wherein the coextruded overlayer A and, optionally, the coextruded overlayer C, comprises fillers in which the spread of the particle diameter d, expressed as SPAN98, is smaller than or equal to 1.9.
- 5. The film as claimed in claim 1, wherein the acrylic coating D comprises an emulsion copolymer composed of alkyl acrylate and alkyl methacrylate, in which the proportion of the acrylate comonomer present is from 15 to 65 mol% and the proportion of the methacrylate comonomer is from 35 to 85 mol%, based on the total amount of

emulsion copolymer, other comonomers, such as N-methylolacrylamide or N-methylolmethacrylamide, also being present in order to develop crosslinking.

- 6. A process for producing a film as claimed in claim 1, encompassing the steps of:
  - producing a multilayer film composed of a base layer B and overlayer(s) A and,
    optionally, C, by coextrusion;
  - biaxial stretching of the film, first longitudinally and then transversely;
  - coating of the film with the crosslinking acrylic coating D;
  - heat-setting of the stretched film.
- 7. The process as claimed in claim 6, wherein an amount of up to 60% by weight, based on the weight of the base layer, of reground cut material is added to the base layer B.
- 8. The printing or metallizing film formed from film according to claim 1.
- 9. Packaging film for food or other consumable items.

\* \* \* \* 1